

AF 12-12-06

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2155/8
c.c.

PATENT

Application # 10/042,143

Attorney Docket # 1014-200



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Lin, Wei
Application # : 10/042,143
Confirmation # : 5827
Filed : 01/11/2002
Application Title : Enhanced Channel Access Mechanisms for an HPNA Network
Art Unit # : 2155
Latest Examiner : Baturay, Alicia

INFORMATION DISCLOSURE STATEMENT (IDS)

Mail Stop Amendment
Commissioner for Patents
United States Patent and Trademark Office (USPTO)
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97, and 1.98, the attention of the USPTO is hereby directed to the attached listing of documents and/or the attached Declaration. For each document listed under "Foreign Patent Documents" or "Non Patent Literature Documents", one copy of that document is attached.

It is respectfully requested that the listed documents:

- (1) be expressly considered during the prosecution of this application;
- (2) be made of record therein; and
- (3) appear among the "References Cited" on any patent to issue therefrom.

Although the information submitted herewith might be "material" to the USPTO's consideration of this application, this submission is not intended to be an admission that such

12/13/2006 AWONDAF1 00000001 10042143

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information qualifies as "prior art" as to any claimed subject matter. The filing of this Information Disclosure Statement is not to be construed to mean that a search has been made.

The following marked paragraphs are applicable in this IDS:

Timing of this IDS:

- ☐ **A.** This IDS is being filed per 37 CFR 1.97(b)
- ☐ (1): within 3 months of the U.S. filing date other than a CPA under 1.53(d);
 - ☐ (2): within 3 months of the date of entry of the national stage as set forth in 1.491 in an international application;
 - ☐ (3): before the mailing date of a first Office Action on the merits; **OR**
 - ☐ (4): before the mailing date of a first Office Action associated with a request for continued examination (RCE) under 1.114;

AND, thus, no certification or fee is required.

- ☒ **B.** This IDS is being filed per 37 CFR 1.97(c), **AFTER** the period specified in 37 CFR 1.97(b) [section **A** of this IDS], and **BEFORE**:
- (a) the mailing date of any Final Action under 1.113,
 - (b) a Notice of Allowance under 1.311, **OR**
 - (c) an action that otherwise closes prosecution,

AND, per 37 CFR 1.97(e), I hereby certify that:

- ☐ (1) each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this IDS ; **OR**
- ☐ (2) no item of information in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge

after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this IDS;

OR, per 37 CFR 1.97(c), this IDS is accompanied by:

- ☒ (3) payment of the fee under 37 CFR 1.17(p) to ensure consideration of the disclosed information.

- ☐ C. This IDS is being filed per 37 CFR 1.97(d), AFTER the period specified in 37 CFR 1.97(c) [section **B** of this IDS], and ON or BEFORE the payment of the Issue Fee;

AND, per 37 CFR 1.97(e), I hereby certify that:

- ☐ (1) each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this IDS; **OR**
- ☐ (2) no item of information in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this IDS;

AND, per 37 CFR 1.97(d), this IDS is accompanied by:

- ☐ (3) payment of the fee under 37 CFR 1.17(p) to ensure consideration of the disclosed information.

Legible Copies of Listed References:

- ☒ D. In addition to the attached listing, accompanying this IDS is a legible copy of each listed:
- (1) foreign patent document;
 - (2) pending unpublished U.S. application OR that portion of the application that caused it to be listed including any claims directed to that portion; **AND**
 - (3) non-patent document or that portion thereof that caused it to be listed;

PATENT

Application # 10/042,143

Attorney Docket # 1014-200

(4) other information or that portion that caused it to be listed.

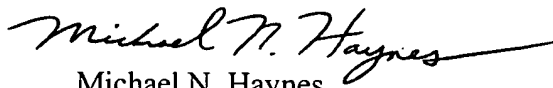
- ☐ E. Consistent with 37 CFR 1.98(d), because the IDS submitted in parent U.S. Patent Application No. ____, to which this application claims priority per 35 U.S.C. 120, complies with 37 CFR 1.98(a) to (c), copies of the patent documents, non-patent documents, pending U.S. application, and other information submitted in that parent application do not accompany this IDS.

CONCLUSION

The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. 1.16 or 1.17 to Deposit Account No. 50-2504. The Examiner is invited to contact the undersigned at 434-972-9988 to discuss any matter regarding this application.

Respectfully submitted,

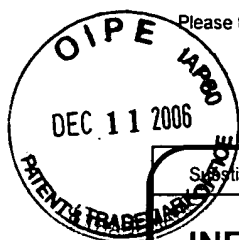
Michael Haynes PLC



Michael N. Haynes
Registration No. 40,014

Date: 11 December 2006

1341 Huntersfield Close
Keswick, VA 22947
Telephone: 434-972-9988
Facsimile: 815-550-8850



Please type a plus sign (+) inside this box → ☐

PTO/1449

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/042,143
		Filing Date	11 January 2002
		First Named Inventor	Wei Lin
		Group Art Unit	2155
		Examiner Name	Alicia Baturay
Sheet 1 of 2	Attorney Docket Number	2000-0672A (1014-200)	

U.S. PATENT DOCUMENTS			
Examiner Initials	Patent No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	2002/0015404	Fisher	7 February 2002
	2002/0061012	Thi	23 May 2002
	2002/0131441	Trachewsky	19 September 2002
	2004/0114619	Park	17 June 2004
	6,674,765	Chuah	6 January 2004
	6,862,280	Bertagna	1 March 2005
	6,862,630	Garg	1 March 2005
	6,868,072	Lin	15 March 2005
	6,973,094	Holloway	6 December 2005
	6,999,442	Ho	14 February 2006
	7,000,031	Fischer	14 February 2006
	7,031,274	Sherman	18 April 2006

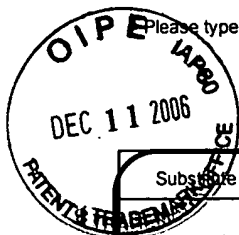
NON-PATENT DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Ho, Jin-Meng, "Centralized Contention and Reservation Request for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/617,439, 14 July 2000, 77 page(s), US

Examiner Signature		Date Considered	
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¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PTO/1449

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subtitle for form 1449A/PTO <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; margin: 5px 0;"><i>(use as many sheets as necessary)</i></p>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/042,143</td> </tr> <tr> <td>Filing Date</td> <td>11 January 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Wei Lin</td> </tr> <tr> <td>Group Art Unit</td> <td>2155</td> </tr> <tr> <td>Examiner Name</td> <td>Alicia Baturay</td> </tr> <tr> <td>Attorney Docket Number</td> <td>2000-0672A (1014-200)</td> </tr> </table>		Application Number	10/042,143	Filing Date	11 January 2002	First Named Inventor	Wei Lin	Group Art Unit	2155	Examiner Name	Alicia Baturay	Attorney Docket Number	2000-0672A (1014-200)
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Filing Date	11 January 2002														
First Named Inventor	Wei Lin														
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Attorney Docket Number	2000-0672A (1014-200)														
Sheet	2	of	2												

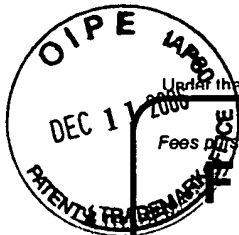
	Ho, Jin-Meng, "Enhanced Channel Access Mechanisms for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/616,885, 14 July 2000, 76 page(s), US
	Hò, Jin-Meng, "Multipoll for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/616,884, 14 July 2000, 72 page(s), US
	Ho, Jin-Meng, "RSVP/SBM Based Up-Stream Session Setup, Modification, and Teardown for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/616,878, 14 July 2000, 82 page(s), US
	Ho, Jin-Meng, "Virtual Streams for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/617,083, 14 July 2000, 69 page(s), US
	Lin, "U.S. Patent Appl ication number 10/042,142", Enhanced Channel Access Mechanisms for an HPNA Network, 11 January 2002, 75 page(s), US
	Lin, "U.S. Patent Application number 10/042,165", Enhanced Channel Access Mechanisms for an HPNA Network, 11 January 2002, 51 page(s), US
	Lin, "U.S. Patent Application number 10/042,166", Enhanced Channel Access Mechanisms for an HPNA Network, 11 January 2002, 66 page(s), US
	Lin, "U.S. Patent Application number 10/042,179", Enhanced Channel Access Mechanisms for an HPNA Network, 11 January 2002, 63 page(s), US
	Lin, "U.S. Patent Application number 11/398,297", Enhanced Channel Access Mechanisms for an HPNA Network, 5 April 2006, 53 page(s), US

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FREE TRANSMITTAL**
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** **180.00****Complete if Known**

Application Number	10/042,143
Filing Date	11 January 2002
First Named Inventor	Lin, Wei
Examiner Name	Baturay, Alicia
Art Unit	2155
Attorney Docket No.	2000-0672A (1014-200)

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 50-2504 Deposit Account Name: Michael N. Haynes

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	0
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims - 20 or HP = 0 x 50 = 0 **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20

Indep. Claims - 3 or HP = 0 x 200 = 0 **Fee Paid (\$)**

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = 0 / 50 = 0 (round up to a whole number) x 250 = 0 **Fee Paid (\$)**

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Submission of IDS

Fees Paid (\$)

0

180

SUBMITTED BY

Signature

*Michael N. Haynes*Registration No. 40,014
(Attorney/Agent)

Telephone 434-972-9988

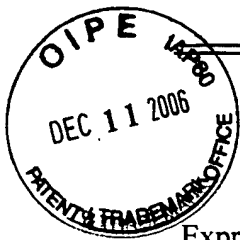
Name (Print/Type)

Michael N. Haynes

Date 11 Dec 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



CERTIFICATE OF EXPRESS MAILING

Express Mail Mailing Label Number: EV 866636151 US

Date of Deposit: 11 December 2006

Pursuant to 37 C.F.R. § 1.10, I certify that I am personally depositing the following paper(s) or fee(s) with the "Express Mail Post Office to Addressee" service of the United States Postal Service on the above date in a sealed envelope (a) having the above-numbered Express Mail label and sufficient postage affixed, and (b) addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450

Stamped, self-addressed postcard for USPTO receipt stamp (1 card)
Fee Transmittal Form (PTO/SB/17) (1 sheet)
Credit Card Payment Form (PTO-2038) (1 sheet)
Information Disclosure Statement (4 sheets)
Form PTO-1449 (2 sheets)
10 Non-Patent Literature documents

EXPRESS MAIL

Application Number	10/042,143	Art Unit:	2155
Confirmation No.:	5827	Examiner:	Baturay, Alicia
Filing Date:	11 January 2002	Inventor:	Lin, Wei
Document Submission Date:	11 December 2006	Docket:	2000-0672A (1014-200)

11 Dec 2006

Date

Eden Brown

Name of Certifier

Eden Brown

Signature of Certifier